

CLAIMS

1 An optical holographic device for reading out a data page recorded in a holographic
medium (106), said device comprising means (104, 105) for forming an imaged data page
5 from said data page, means for detecting (114) said imaged data page, means for detecting a
Moiré pattern in said detected imaged data page and means for modifying said imaged data
page as a function of said Moiré pattern.

2 An optical holographic device as claimed in claim 1, wherein said means for
modifying said imaged data page comprise means for changing the magnification of said
10 imaged data page.

3 An optical holographic device as claimed in claim 1, wherein said means for
modifying said imaged data page comprise means for translating said imaged data page.

4 An optical holographic device as claimed in claim 1, wherein said means for
modifying said imaged data page comprise means for rotating said imaged data page.

15 5 An optical holographic device as claimed in claim 1, the means for detecting the
Moiré pattern comprising means for filtering high frequency components of the detected
imaged data page.

6 An optical holographic device as claimed in claim 1, further comprising means for
measuring a contrast in the detected imaged data page, the means for modifying the imaged
20 data page being further controlled by said contrast.

7 A method for reading out a data page recorded in a holographic medium, said method
comprising a step (801) of forming an imaged data page from said data page, a step (802) of
detecting said imaged data page, a step (803) of detecting a Moiré pattern in said detected
imaged data page and a step (804) of modifying said imaged data page as a function of said
25 Moiré pattern.

8 A computer program comprising a set of instructions which, when loaded into a
processor or a computer, causes the processor or the computer to carry out the method as
claimed in Claim 7.